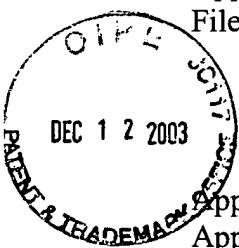


Appln. No. 10/090,896

Filed March 4, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Seibang Oh
Appl. No.: 10/090,896
Filed: March 4, 2002
Title: MULTI-ELEMENT FUSE ARRAY
Art Unit: 2839
Examiner: Tulsidas C. Patel
Docket No.: 112690-928

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicant requests that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which can be found herewith be made during the course of examination of the above-identified application for United States patent.

U.S. PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
480,802 A	08/16/1892	Blathy
1,700,582	01/29/1929	Brown
2,245,346	06/10/1941	Klein
2,794,346	06/04/1957	Jacobs, Jr.
3,619,725	11/09/1971	Mendham et al.
3,775,723	11/27/1973	Mamrock et al.
3,909,767	09/30/1975	Williamson et al.
3,913,219	10/00/1975	Lichtblau
4,023,265	05/17/1977	Aryamane
4,071,837	01/31/1978	Ranzanigo
4,099,320	07/11/1978	Schmidt, Jr. et al.
4,131,869	12/26/1978	Schmidt, Jr. et al.
4,164,725	08/14/1979	Wiebe
4,198,744	04/22/1980	Nicolay

12/16/2003 ZJUHR1 00000028 10090896

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180.00 OP

4,224,592	09/23/1980	Urani et al.
4,278,706	07/14/1981	Barry
4,503,415	03/05/1985	Rooney
4,504,816	03/05/1985	Viola et al.
4,514,718	04/30/1985	Birx
4,533,896	08/06/1985	Belopolsky
4,540,969	09/10/1985	Sugar
4,544,907	10/01/1985	Takano
4,547,830	10/15/1985	Yamauchi
4,554,732	11/26/1985	Sadlo et al.
4,570,147	02/11/1986	Ebi
4,580,124	04/01/1986	Borzoni
4,604,602	08/05/1986	Borzoni
4,608,548	08/26/1986	Borzoni
4,612,529	09/16/1986	Gurevich et al.
4,626,818	12/02/1986	Hilgers
4,635,023	01/06/1987	Oh
4,646,053	02/24/1987	Mosesian
4,652,848	03/24/1987	Hundrieser
4,661,793	04/28/1987	Borzoni
4,672,352	06/09/1987	Takano
4,703,299	10/27/1987	Vermij
4,726,991	02/23/1988	Hyatt et al.
4,771,260	09/13/01988	Gurevich
4,792,781	12/20/1988	Takahashi et al.
4,837,520	06/06/1989	Golke et al.
4,869,972	09/26/1989	Hatagishi
4,871,990	10/03/1989	Ikeda et al.
4,873,506	10/10/1989	Gurevich
4,894,633	01/16/1990	Holtfreter
4,975,551	12/04/1990	Syvertson
4,997,393	03/05/1991	Armando

4,998,086	03/05/1991	Kourinsky et al.
5,084,691	01/28/1992	Lester et al.
5,095,297	03/10/1992	Perreault et al.
5,097,246	03/17/1992	Cook
5,097,247	03/17/1992	Doerrwaechter
5,101,187	03/31/1992	Yuza
5,102,506	04/07/1992	Tanielian
5,102,712	04/07/1992	Peirce et al.
5,115,220	05/19/1992	Suuronen et al.
5,130,688	07/14/1992	Van Rietschoten et al.
5,139,443	08/18/1992	Armando
5,140,295	08/18/1992	Vermot-gaud et al.
5,148,141	09/15/1992	Suuronen
5,155,220	10/13/1992	Suuronen et al.
5,155,462	10/13/1993	Morrill
5,166,656	11/24/1992	Badihi et al.
5,340,775	08/23/1994	Carruthers
5,363,082	11/08/1994	Gurevich
5,374,590	12/20/1994	Batdorf
5,715,135	02/03/98	Brussalis et al.
5,581,225	12/03/1996	Oh et al.
5,631,620	05/20/1997	Totsuka et al.
5,663,861	09/02/1997	Reddy et al.
5,668,521	09/16/1987	Oh
5,831,814	11/03/98	Hamill
5,844,477	12/01/1998	Blecha et al.
6,077,102	06/20/00	Borzi et al.
6,496,096	12/17/2002	Kondo et al.
6,515,226	02/04/03	Chiriku et al.
6,541,700	04/01/03	Chiriku et al.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
DE2714797 A1	02/22/79	Germany
DE3530354	03/00/87	Germany
EP0270954 A1	06/00/88	EPO
EP0285489 A1	10/05/88	EPO
EP0301533 A2	07/00/88	EPO
EP0453217 A1	10/00/91	EPO
EP0581428 A1	02/00/94	EPO
EP0802553 A2	10/22/97	EPO
EP0939417 A1	09/01/99	EPO
EP1109190 A1	06/20/01	EPO
GB1604820	12/00/81	United Kingdom
GB2089148	06/00/82	United Kingdom
GB2113489 A	08/00/83	United Kingdom
GB2233512 A	01/09/91	United Kingdom
JP04242036	08/00/92	Japan
JP05314888 ✓	11/00/93	Japan
JP06103880	04/00/94	Japan
JP10241546 A	09/00/98	Japan
JP4033230	02/00/92	Japan
JP4245129	09/00/92	Japan
JP4245132	09/00/92	Japan
JP4248221	09/00/92	Japan

Appln. No. 10/090,896
Filed March 4, 2002

JP4255627	09/00/92	Japan
JP51666454	07/00/93	Japan
JP60180382	08/15/85	Japan
NL1803554	05/00/69	Netherlands
NL3728489	06/00/82	Netherlands
WO90/00305	01/00/90	WIPO
WO91/14279	09/00/91	WIPO

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

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Phone: (312) 807-4214

Dated: December 9, 2003

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112690-928

In Re Application: Seibang Oh

Serial No.

10/090,896

Filing Date

March 4, 2002

Examiner

Tulsidas C. Patel

Group Art Unit

2839

MULTI-ELEMENT FUSE ARRAY

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☒ A check in the amount of \$180.00 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. as described below.
 - ☐ Charge the amount of
 - ☒ Credit any overpayment.
 - ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail


I certify that this document and fee is being deposited on Dec. 9, 2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Renee Street

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.


Signature

Dated: December 9, 2003

Robert W. Connors
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Chicago, IL 60690-1135
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CC:

2839 \$

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TRADEMARK

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112690-928

In Re Application Of: Seibang Oh

Serial No.
10/090,896

Filing Date
March 4, 2002

Examiner
Tulsidas C. Patel

Group Art Unit
2839

Title: MULTI-ELEMENT FUSE ARRAY

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☒ the fee set forth in 37 CFR 1.17(p).

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No.
112690-928

Application No.
10/090,896

Applicant
Seibang Oh

Filing Date
March 4, 2002

Group
2839

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
	480,802A	08/16/92	Blathy			
	1,700,582	01/29/29	Brown			
	2,245,346	06/10/41	Klein			
	2,794,346	06/04/57	Jacobs, Jr.			
	3,619,725	11/09/71	Mendham et al.			
	3,775,723	11/27/73	Mamrock et al.			
	3,909,767	09/30/75	Williamson et al.			
	3,913,219	10/00/75	Lichtblau			
	4,023,265	05/17/77	Aryamane			
	4,071,837	01/31/78	Ranzanigo			
	4,099,320	07/11/78	Schmidt, Jr. et al.			
	4,131,869	12/26/78	Schmidt, Jr. et al.			
	4,164,725	08/14/79	Wiebe			
	4,198,744	04/22/80	Nicolay			
	4,224,592	09/23/80	Urani et al.			
	4,278,706	07/14/81	Barry			
	4,503,415	03/05/85	Rooney			
	4,504,816	03/05/85	Viola et al.			
	4,514,718	04/30/85	Birx			
	4,533,896	09/10/85	Beloposky			
	4,540,969	09/10/85	Sugar			
	4,544,907	10/01/85	Takano			
	4,547,830	10/15/95	Yamauchi			
	4,554,732	11/26/85	Sadlo et al.			
	4,570,147	02/11/86	Ebi.			
	4,580,124	04/01/86	Borzoni			
	4,604,602	08/05/86	Borzoni			
	4,608,548	08/26/86	Borzoni			
	4,612,529	09/16/86	Gurevich et al.			
	4,626,818	12/02/86	Hilgers			
	4,635,023	01/06/87	Oh			
	4,646,053	02/24/87	Mosesian			

Examiner:

Date Considered:

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) DEC 12 2003 PTO Form 1449	Atty Docket No. 112690-928	Application No. 10/090,896
	Applicant Seibang Oh	
	Filing Date March 4, 2002	Group 2839

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
		4,652,848	03/24/87	Hundrieser			
		4,661,793	04/28/87	Borzoni			
		4,672,352	06/09/87	Takano			
		4,703,299	10/27/87	Vermij			
		4,726,991	02/23/88	Hyatt et al.			
		4,771,260	09/13/88	Gurevich			
		4,792,781	12/20/88	Takahashi et al.			
		4,837,520	06/06/89	Golke et al.			
		4,869,972	09/26/89	Hatagishi			
		4,871,990	10/03/89	Ikeda et al.			
		4,873,506	10/10/89	Gurevich			
		4,894,633	01/16/90	Holtfreter			
		4,975,551	12/04/90	Syvertson			
		4,997,393	03/05/91	Armando			
		4,998,086	03/05/91	Kourinsky et al.			
		5,084,691	01/28/92	Lester et al.			
		5,095,297	03/10/92	Perreault et al.			
		5,097,246	03/17/92	Cook			
		5,097,247	03/17/92	Doerrwaechter			
		5,101,187	03/31/92	Yuza			
		5,102,506	04/07/92	Tanielian			
		5,102,712	04/07/92	Peirce et al.			
		5,115,220	05/19/92	Suuronen et al.			
		5,130,688	07/14/92	Van Rietschoten et al.			
		5,139,443	08/18/92	Armando			
		5,140,295	08/18/92	Vermot-gaud et al.			
		5,148,141	09/15/92	Suuronen			
		5,155,220	10/13/92	Suuronen et al.			
		5,155,462	10/13/93	Morrill			
		5,166,656	11/24/92	Badihi et al.			
		5,340,775	08/23/94	Carruthers			
		5,363,082	11/08/94	Gurevich			

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U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
		5,374,590	12/20/94	Batdorf			
		5,581,225	12/03/96	Oh et al.			
		5,631,620	05/20/97	Totsuka et al.			
		5,663,861	09/02/97	Reddy et al.			
		5,668,521	09/16/87	Oh			
		5,715,135	02/03/98	Brussalis et al.			
		5,831,814	11/03/98	Hamill			
		5,884,477	12/01/98	Blecha et al.			
		6,077,102	06/20/00	Borzi et al.			
		6,496,096	12/17/02	Kondo et al.			
		6,514,226	02/04/03	Chiriku et al.			
		6,541,700	04/01/03	Chiriku et al.			

FOREIGN PATENT DOCUMENTS								
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
	/	DE2714797 A1	02/22/79	Germany				X
	/	DE3530354	03/00/87	Germany				X
	/	EP0270954 A1	06/00/88	EPO				X
	/	EP0285489 A1	10/05/88	EPO				X
	/	EP0301533 A2	07/00/88	EPO				X
	/	EP0453217 A1	10/00/91	EPO				X
	/	EP0581428 A1	02/00/94	EPO				X
	/	EP0802553 A2	10/22/97	EPO				X
	/	EP0939417 A1	09/01/99	EPO				x
	/	EP1109190 A1	06/20/01	EPO				X
	/	GB1604820	12/00/81	UK				X
	/	GB2089148	06/00/82	UK				X
	/	GB2113489 A	08/00/83	UK				X
	/	GB2233512 A	01/09/91	UK				X
	/	GB2133489 A	08/03/83	UK				X
	/	JP04242036	08/00/92	JAPAN				x

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FOREIGN PATENT DOCUMENTS								
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
	/	JP05314888	11/00/93	JAPAN				x
	/	JP60180382	08/15/85	JAPAN				x
	/	JP10241546A	09/00/98	JAPAN				X
	/	JP4033230	02/00/92	JAPAN				X
	/	JP4245129	09/00/92	JAPAN				X
	/	JP4245132	09/00/92	JAPAN				X
	/	JP4248221	09/00/92	JAPAN				X
	/	JP4255627	09/00/92	JAPAN				X
		JP51666454	07/00/93	JAPAN				X
	/	JP60180382	08/15/85	JAPAN				X
		NL1803554	05/00/69	Netherlands				X
		NL3728489 A1	06/00/82	Netherlands				X
	/	WO90/00305	01/00/90	WIPO				X
	/	WO91/14279	09/00/91	WIPO				X

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:	Date Considered:
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